

DOUBLE DRUM STEEL WHEEL VIBRATORY ROLLER

Lake County is seeking quotes for the purchase of one (1) double drum steel wheel vibratory roller for the Road Operations Division of Public Works. This purchase will be made to the vendor with the lowest total price.

The specifications and minimum requirements are listed below. The equipment shall be new, of current production year, and must carry the manufacturer's standard guarantee against defective parts and/or workmanship. For each item, the vendor shall mark "yes" or "no" to indicate if the proposed equipment meets the requirements. These specifications shall be printed and submitted with the quote. All exceptions shall be of equal or greater precision equipment and shall be clearly documented on the submitted quote.

Bidders who offer equipment which fails to meet the requirements may be considered non-responsive unless, at the sole determination of the County, the deviation is minor and will not affect the functionality of the equipment.

The equipment shall be manufactured so as to be in strict conformance to all standards applied by any Federal and State regulations.

Delivery shall be made within 90 calendar days after the issuance of the purchase order. The equipment shall be delivered to the Lake County Fleet Division, 20423 Independence Boulevard, Groveland, Florida 34736, with at least one (1) week's advance notice to the County. The delivery shall be FOB destination. Title to the equipment shall not pass to the County until the unit has been delivered to the designated location and has been inspected and accepted by the County's Fleet Manager.

Time is of the essence and the Contractor's delivery date must be specified and adhered to. Delivery shall be no later than ninety (90) calendar days from receipt of the delivery order. Should the Contractor, to whom the order or contract is awarded, fail to deliver on or before the stated date, the County reserves the right to CANCEL the order or contract and make the purchase elsewhere and the Contractor shall be required to compensate the County for the difference in the price paid for the alternate goods. The Contractor shall be responsible for making any and all claims against carriers for missing or damaged goods. Partial shipments will be acceptable unless otherwise stated.

DETAILED SPECIFICATIONS:

1.0 GENERAL:

- 1.1 Standard 5,500 lb. Double Drum Vibratory steel wheel roller
- 1.2 Standard Compaction Width 47 – 48 in
- 1.3 Curb Clearance 20 inches
- 1.4 Turning Radius Inside Drum Edge 8 ft
- 1.5 Ground Clearance 11 in
- 1.6 Static Linear Load 58 lb/in

- 1.7 Travel Speed - Capable of 7 mph in high range
- 1.8 Fuel Tank Capacity – shall be capable of running 12 hours at full speed on single tank
- 1.9 Water (Spray) Tank Capacity 40 gal. minimum

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

2.0 DIMENSIONS:

- 2.1 Overall Length 100 – 110”
- 2.2 Wheelbase 70 – 75”
- 2.3 Overall Width 52”
- 2.4 Drum Diameter 28 – 30”
- 2.5 Drum Width 47 in
- 2.6 Maximum Machine Height 108”

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

3.0 VIBRATORY SYSTEM:

- 3.1 Centrifugal Force per Drum - Maximum 7400 lb.
- 3.2 Centrifugal Force per Drum - Minimum 3200 lb.
- 3.3 Frequency shall be able to achieve a minimum of 63Hz (3,780 VPM)
- 3.4 Nominal Amplitude - High 0.021”

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

4.0 FINAL DELIVERY:

- 4.1 Delivery of complete unit – FOB Fleet Management, 20423 Independence Blvd.
Groveland, FL 34736

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

5.0 SERVICE MANUALS AND WARRANTY:

- 5.1 Provide Complete Literature and Specifications
- 5.2 Provide User Training
- 5.3 Provide two (2) Complete Parts and Service Manuals (Print or Digital)
- 5.4 Provide one (1) Printed and one (1) digital Operators Manuals
- 5.5 State Terms and Conditions of Warranty
- 5.6 State Period of Warranty

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.